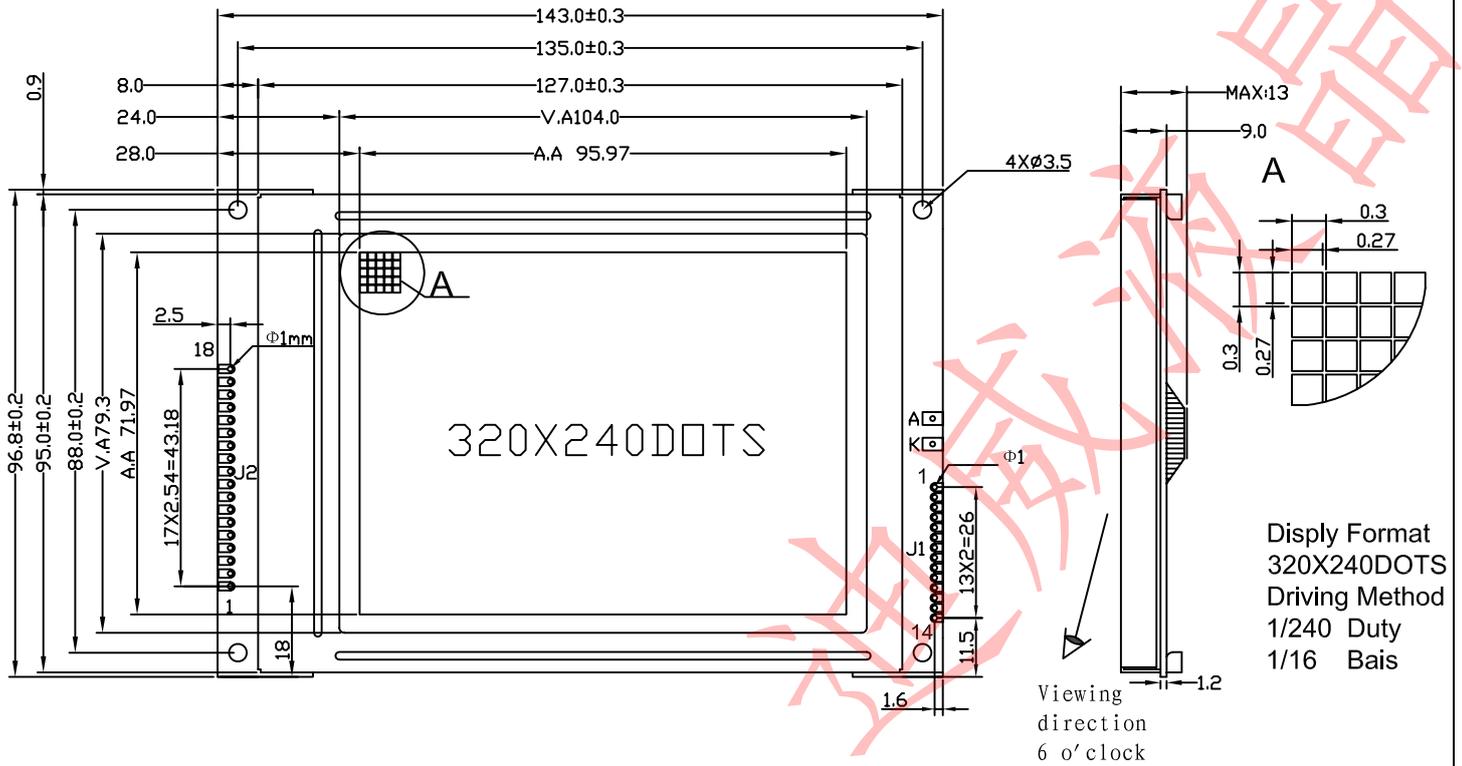


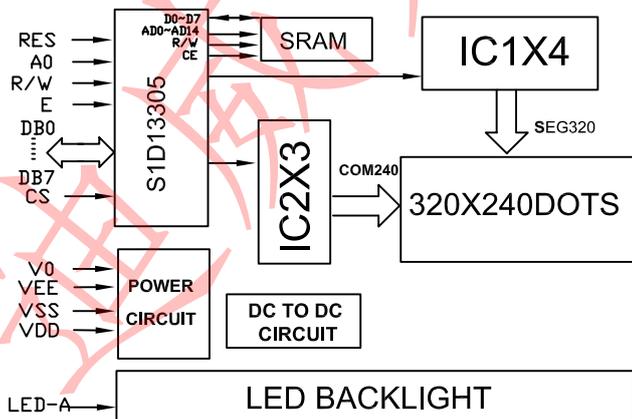
① PHYSICAL DIMENSION



② MECHANICAL DATA

ITEM	SPECIFICATION	UNIT
Module Size With B/L (W X H X T)	143X96.8X13	mm
Viewing Area (W X H)	104X79.3	mm
Number of Dots (W X H)	320X240	dots
Dot Pitch (W X H)	0.3X0.3	mm
Dot Size (W X H)	0.27X0.27	mm
Weight	100.0 (With B/L)	g

④ BLOCK DIAGRAM



③ PIN CONFIGURATION

ITEM	J2	DESCRIPTION(带控制器)	J1	DESCRIPTION(不带控制器)
1	GND	Power Ground	FLM	Frame Signal
2	VCC	Power Positive	MCON	Alternate signal for LCD
3	V0	Negative Volt Adjust	LP	Data Latch signal
4	WR	Write Signal	CP	Data shift signal
5	RD	Read Signal	DISP	Display ON/OFF
6	CS	Chip Select	D0	Data bus [0~3]. There state I/O common terminal.
7	A0	H:Data L:Instruction Code		
8	RST	Reset Signal	D3	Data bus [0~7]. There state I/O common terminal.
9	DB0			
10			VCC	Power Positive
11			GND	Power Ground
12			VEE	Negative Volt Output
13			V0	Negative Volt Adjust
14			FG/A	Frame GND /BL Anode(+5V)
15				
16	DB7			
17	LED-A	Backlight Anode(+5V)		
18	VEE	Negative Volt Supply		

⑤ ABSOLUTE MAXIMUM RATINGS (25°C)

PARAMETER	SYMBOL	MIN.	MAX.	UNIT
SUPPLY VOLTAGE LOGIC	VDD	0	5.5	V
SUPPLY VOLTAGE DRIVER	VDD-VEE	0	23	V
INPUT VOLTAGE	VIN	0	VDD	V